

CLAIMS

1. A cleaning doctor (1) for conveyor belts (N) comprising a fixed casing (2) supporting one or more frames (3; 21), each frame being provided with a doctor blade (5) in contact with the surface (S) to be scraped of said conveyor belt (N), **wherein** said doctor blade (5) is arranged in a groove (6) made in a blade holder (7; 20) associated to said frame (3; 21).
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2. The cleaning doctor (1) according to claim 1 **wherein** said blade holder (7) has an L shaped cross section.
3. The cleaning doctor (1) according to claim 1 **wherein** said blade holder (20) has a rectangular cross section.
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4. The cleaning doctor (1) according to claim 2 **wherein** said blade holder (7) has a first side (8) fixed to said frame (3) and a second side (10) facing said surface (S) to be scraped, said groove (6) receiving said doctor blade (5) being made in said second side (10).
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5. The cleaning doctor (1) according to any of claim 1, 2 or 4, **wherein** said blade holder (7) is removably fixed to said frame (3) through fastening means (9).
6. The cleaning doctor (1) according to claim 4 **wherein** said groove (6) is made at the free end (10a) of said second side (10) along the face (10b) facing said surface (S) to be scraped.
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7. The cleaning doctor (1) according to claim 1 or 4 **wherein** said groove (6) has a U shaped cross sectional profile receiving said doctor blade (5).
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8. The cleaning doctor (1) according to claim 7 **wherein** said doctor blade (5) has a width (5a) greater than that (6a) of said groove (6).
9. The cleaning doctor (1) according to claim 2 **wherein** said blade holder (7) is made by a standard structural profile available on the market having an L shaped cross sectional profile.
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10. The cleaning doctor (1) according to claim 1 **wherein** said frame (3) is coupled to said casing (2) by interposition of elastic means (11).
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11. The cleaning doctor (1) according to claim 10 **wherein** adjusting means (12) are provided between said frame (3) and said elastic means (11), adapted to change the pressure of said doctor blade (5) on said surface (S).
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